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## Abstract

In order to substantially reduce temperature-dependent influences and attendant long switching times in the case of an optical liquid crystal modulator having at least one ferroelectric liquid crystal and in a method for operating an optical liquid crystal modulator, it is provided for the ferroelectric liquid crystals to have a DHF mode and to exhibit an operating range of the electric field of more than 20 V/ $\mu$ m at the location of the liquid crystal.

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